

12-27-00

A

PTO/SB/05 (11-00)

Approved for use through 10/31/2002 OMB 0661-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	03-DV-7050
First Inventor	Robert D. Sirois
Title	PERIPHERAL INTERLOCKS FOR STATOR CORES
Express Mail Label No.	EL319732884US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. ☐ Application claims small entity status.
See 37 CFR 1.27
3. ☒ Specification [Total Pages 11]
(Preferred arrangement set forth below)
- Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure

4. ☒ Drawing(s) (35 USC 113) [Total Sheets 7]

5. Oath or Declaration [Total Pages]

- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
- i. ☐ **DECLARATION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: _____

Prior application information:

Examiner:

Group/Art Unit:

FOR CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label (Insert Custom No. or Attach bar code label here) or ☒ Correspondence address below

Name	Armstrong Teasdale LLP		
Address	One Metropolitan Sq., Suite 2600		
City	St. Louis	State	Missouri
Country	US	Telephone	(314) 621-5070
		Zip Code	63102
		Fax	(314) 621-5065

Name (Print/type)	Patrick W. Rasche	Registration No. (Attorney/Agent)	37,916
Signature	<i>Patrick W. Rasche</i>	Date	December 22, 2000

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Office, Patent and trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

12/22/00

USPS 366 U.S. PRO

 12/22/00
 0974853
 0974853

0974853-100000

Under the paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

FEE TRANSMITTAL				<i>Complete If Known</i>																																																																																																																																																																																																																																																																																												
Patent fees are subject to annual revision on October 1. These are the fees effective October 1, 1997. Small entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.				Application Number Filing Date First Named Inventor Robert D. Sirols																																																																																																																																																																																																																																																																																												
TOTAL AMOUNT OF PAYMENT (\$ 968.00)				Group Art Unit Examiner Name Attorney Docket Number 03-DV-7050																																																																																																																																																																																																																																																																																												
METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																																																																																																																																																																																												
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to Deposit Account Number 01-2384 Deposit Account Name <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance				3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code (\$)</th> <th>Entity Small Fee Code (\$)</th> <th>Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>66</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge-late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>380</td><td>216</td><td>190</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>870</td><td>217</td><td>435</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,360</td><td>218</td><td>680</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,850</td><td>228</td><td>925</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>300</td><td>219</td><td>150</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>300</td><td>220</td><td>150</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>260</td><td>221</td><td>130</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,210</td><td>241</td><td>605</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,210</td><td>242</td><td>605</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>430</td><td>243</td><td>215</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>580</td><td>244</td><td>290</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>690</td><td>246</td><td>345</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>690</td><td>249</td><td>345</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td colspan="4"></td><td>Other fee (specify) </td><td></td></tr> <tr><td colspan="4"></td><td>Other fee (specify) </td><td></td></tr> <tr> <td colspan="4" style="padding: 5px;"> 2. CLAIMS <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code (\$)</th> <th>Entity Small Fee Code (\$)</th> <th>Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>690</td><td>201</td><td>345</td><td>Utility filing fee</td><td>710.00</td></tr> <tr><td>106</td><td>310</td><td>206</td><td>155</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>450</td><td>207</td><td>240</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>690</td><td>208</td><td>345</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td></td></tr> <tr><td colspan="4" style="text-align: right;">SUBTOTAL (1)</td><td>(\$ 710.00)</td></tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code (\$)</th> <th>Entity Small Fee Code (\$)</th> <th>Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>201</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>102</td><td>78</td><td>202</td><td>39</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>104</td><td>280</td><td>204</td><td>130</td><td>Multiple dependent claim</td><td></td></tr> <tr><td>106</td><td>78</td><td>206</td><td>39</td><td>Reissue independent claims over original patent</td><td></td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr><td colspan="4" style="text-align: right;">SUBTOTAL (2)</td><td>(\$ 258.00)</td></tr> </tbody> </table> </td> <td colspan="2" style="padding: 5px;"> *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) </td> </tr> <tr> <td colspan="4" style="text-align: center; padding: 5px;">SUBMITTED BY</td> <td colspan="2" style="text-align: center; padding: 5px;"><i>Complete (if applicable)</i></td> </tr> <tr> <td colspan="4" style="padding: 5px;"> Typed or Printed Name Patrick W. Rasche </td> <td colspan="2" style="padding: 5px;"> Reg Number 37,916 </td> </tr> <tr> <td colspan="4" style="padding: 5px;"> Signature </td> <td colspan="2" style="padding: 5px;"> Date December 22, 2000 </td> </tr> <tr> <td colspan="4" style="padding: 5px;"> Deposit Account User ID </td> <td colspan="2" style="padding: 5px;"> Deposit Account User ID </td> </tr> </tbody> </table>		Large Fee Code (\$)	Entity Small Fee Code (\$)	Entity Fee Code (\$)	Fee Description	Fee Paid	105	130	205	66	Surcharge - late filing fee or oath		127	50	227	25	Surcharge-late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	380	216	190	Extension for reply within second month		117	870	217	435	Extension for reply within third month		118	1,360	218	680	Extension for reply within fourth month		128	1,850	228	925	Extension for reply within fifth month		119	300	219	150	Notice of Appeal		120	300	220	150	Filing a brief in support of an appeal		121	260	221	130	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,210	241	605	Petition to revive - unintentional		142	1,210	242	605	Utility issue fee (or reissue)		143	430	243	215	Design issue fee		144	580	244	290	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	240	126	240	Submission of Information		581	40	581	40	Recording each patent assignment per property (times number of properties)		146	690	246	345	Filing a submission after final rejection (37 CFR 1.129(a))		149	690	249	345	For each additional invention to be examined (37 CFR 1.129(b))						Other fee (specify) 						Other fee (specify) 		2. CLAIMS <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code (\$)</th> <th>Entity Small Fee Code (\$)</th> <th>Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>690</td><td>201</td><td>345</td><td>Utility filing fee</td><td>710.00</td></tr> <tr><td>106</td><td>310</td><td>206</td><td>155</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>450</td><td>207</td><td>240</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>690</td><td>208</td><td>345</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td></td></tr> <tr><td colspan="4" style="text-align: right;">SUBTOTAL (1)</td><td>(\$ 710.00)</td></tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code (\$)</th> <th>Entity Small Fee Code (\$)</th> <th>Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>201</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>102</td><td>78</td><td>202</td><td>39</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>104</td><td>280</td><td>204</td><td>130</td><td>Multiple dependent claim</td><td></td></tr> <tr><td>106</td><td>78</td><td>206</td><td>39</td><td>Reissue independent claims over original patent</td><td></td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr><td colspan="4" style="text-align: right;">SUBTOTAL (2)</td><td>(\$ 258.00)</td></tr> </tbody> </table>				Large Fee Code (\$)	Entity Small Fee Code (\$)	Entity Fee Code (\$)	Fee Description	Fee Paid	101	690	201	345	Utility filing fee	710.00	106	310	206	155	Design filing fee		107	450	207	240	Plant filing fee		108	690	208	345	Reissue filing fee		114	150	214	75	Provisional filing fee		SUBTOTAL (1)				(\$ 710.00)	Large Fee Code (\$)	Entity Small Fee Code (\$)	Entity Fee Code (\$)	Fee Description	Fee Paid	103	18	201	9	Claims in excess of 20		102	78	202	39	Independent claims in excess of 3		104	280	204	130	Multiple dependent claim		106	78	206	39	Reissue independent claims over original patent		110	18	210	9	Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)				(\$ 258.00)	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)		SUBMITTED BY				<i>Complete (if applicable)</i>		Typed or Printed Name Patrick W. Rasche				Reg Number 37,916		Signature 				Date December 22, 2000		Deposit Account User ID 				Deposit Account User ID 	
Large Fee Code (\$)	Entity Small Fee Code (\$)	Entity Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																												
105	130	205	66	Surcharge - late filing fee or oath																																																																																																																																																																																																																																																																																												
127	50	227	25	Surcharge-late provisional filing fee or cover sheet																																																																																																																																																																																																																																																																																												
139	130	139	130	Non-English specification																																																																																																																																																																																																																																																																																												
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																																																																																																																																																												
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																																																																																												
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																																																																																												
115	110	215	55	Extension for reply within first month																																																																																																																																																																																																																																																																																												
116	380	216	190	Extension for reply within second month																																																																																																																																																																																																																																																																																												
117	870	217	435	Extension for reply within third month																																																																																																																																																																																																																																																																																												
118	1,360	218	680	Extension for reply within fourth month																																																																																																																																																																																																																																																																																												
128	1,850	228	925	Extension for reply within fifth month																																																																																																																																																																																																																																																																																												
119	300	219	150	Notice of Appeal																																																																																																																																																																																																																																																																																												
120	300	220	150	Filing a brief in support of an appeal																																																																																																																																																																																																																																																																																												
121	260	221	130	Request for oral hearing																																																																																																																																																																																																																																																																																												
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																																																																																												
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																																																																																																																																																												
141	1,210	241	605	Petition to revive - unintentional																																																																																																																																																																																																																																																																																												
142	1,210	242	605	Utility issue fee (or reissue)																																																																																																																																																																																																																																																																																												
143	430	243	215	Design issue fee																																																																																																																																																																																																																																																																																												
144	580	244	290	Plant issue fee																																																																																																																																																																																																																																																																																												
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																																																																																																																												
123	50	123	50	Petitions related to provisional applications																																																																																																																																																																																																																																																																																												
126	240	126	240	Submission of Information																																																																																																																																																																																																																																																																																												
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																																																																																												
146	690	246	345	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																																																																																																																												
149	690	249	345	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																																																																																																																												
				Other fee (specify) 																																																																																																																																																																																																																																																																																												
				Other fee (specify) 																																																																																																																																																																																																																																																																																												
2. CLAIMS <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code (\$)</th> <th>Entity Small Fee Code (\$)</th> <th>Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>690</td><td>201</td><td>345</td><td>Utility filing fee</td><td>710.00</td></tr> <tr><td>106</td><td>310</td><td>206</td><td>155</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>450</td><td>207</td><td>240</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>690</td><td>208</td><td>345</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td></td></tr> <tr><td colspan="4" style="text-align: right;">SUBTOTAL (1)</td><td>(\$ 710.00)</td></tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code (\$)</th> <th>Entity Small Fee Code (\$)</th> <th>Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>201</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>102</td><td>78</td><td>202</td><td>39</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>104</td><td>280</td><td>204</td><td>130</td><td>Multiple dependent claim</td><td></td></tr> <tr><td>106</td><td>78</td><td>206</td><td>39</td><td>Reissue independent claims over original patent</td><td></td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr><td colspan="4" style="text-align: right;">SUBTOTAL (2)</td><td>(\$ 258.00)</td></tr> </tbody> </table>				Large Fee Code (\$)	Entity Small Fee Code (\$)	Entity Fee Code (\$)	Fee Description	Fee Paid	101	690	201	345	Utility filing fee	710.00	106	310	206	155	Design filing fee		107	450	207	240	Plant filing fee		108	690	208	345	Reissue filing fee		114	150	214	75	Provisional filing fee		SUBTOTAL (1)				(\$ 710.00)	Large Fee Code (\$)	Entity Small Fee Code (\$)	Entity Fee Code (\$)	Fee Description	Fee Paid	103	18	201	9	Claims in excess of 20		102	78	202	39	Independent claims in excess of 3		104	280	204	130	Multiple dependent claim		106	78	206	39	Reissue independent claims over original patent		110	18	210	9	Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)				(\$ 258.00)	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)																																																																																																																																																																																																												
Large Fee Code (\$)	Entity Small Fee Code (\$)	Entity Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																												
101	690	201	345	Utility filing fee	710.00																																																																																																																																																																																																																																																																																											
106	310	206	155	Design filing fee																																																																																																																																																																																																																																																																																												
107	450	207	240	Plant filing fee																																																																																																																																																																																																																																																																																												
108	690	208	345	Reissue filing fee																																																																																																																																																																																																																																																																																												
114	150	214	75	Provisional filing fee																																																																																																																																																																																																																																																																																												
SUBTOTAL (1)				(\$ 710.00)																																																																																																																																																																																																																																																																																												
Large Fee Code (\$)	Entity Small Fee Code (\$)	Entity Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																																												
103	18	201	9	Claims in excess of 20																																																																																																																																																																																																																																																																																												
102	78	202	39	Independent claims in excess of 3																																																																																																																																																																																																																																																																																												
104	280	204	130	Multiple dependent claim																																																																																																																																																																																																																																																																																												
106	78	206	39	Reissue independent claims over original patent																																																																																																																																																																																																																																																																																												
110	18	210	9	Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																																																																												
SUBTOTAL (2)				(\$ 258.00)																																																																																																																																																																																																																																																																																												
SUBMITTED BY				<i>Complete (if applicable)</i>																																																																																																																																																																																																																																																																																												
Typed or Printed Name Patrick W. Rasche				Reg Number 37,916																																																																																																																																																																																																																																																																																												
Signature 				Date December 22, 2000																																																																																																																																																																																																																																																																																												
Deposit Account User ID 				Deposit Account User ID 																																																																																																																																																																																																																																																																																												

Burden Hour Statement This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Office, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.